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*Dec 4 2001*  
*43*

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of: Yuichi IIKUBO et al.	)	
Application No.: 09/966,158	)	Atty. Docket No.: GRLK-003
Filed: September 28, 2001	)	Group Art Unit 1764
	)	Examiner: Unknown
MATERIALS AND METHODS FOR THE	)	
PRODUCTION AND PURIFICATION OF	)	
CHLOROFLUOROCARBONS AND	)	
HYDROFLUOROCARBONS	)	December 4, 2001

**RESPONSE TO NOTICE TO FILE MISSING PARTS**

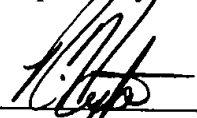
BOX MISSING PARTS  
Commissioner of Patents  
Washington, D.C. 20231

Sir:

In response to the Notice to File Missing Parts dated October 26, 2001, enclosed is the executed Declaration and Power of Attorney for the above-identified application and a check for the surcharge in the amount of \$130.00 as set forth in 37 C.F.R. 1.16(e).

It is not believed that, in connection with this correspondence, any further fees are due. However, the Examiner is hereby authorized to charge any fees not included herewith to Baker & Daniels Deposit Account No. 02-0390.

Respectfully submitted,

  
\_\_\_\_\_  
Robert C. Hyta  
Registration No. 46,791  
Attorney for Applicants  
Baker & Daniels  
300 North Meridian St., Suite 2700  
Indianapolis, Indiana 46204



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Enclosures:

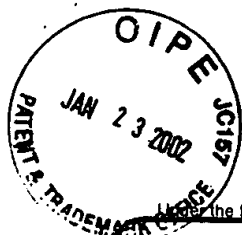
Executed Declaration and Power of Attorney  
Copy of Notice to File Missing Parts of Nonprovisional Application  
Fee Transmittal for FY 2002  
Check in the amount of \$130.00  
Postcard

CERTIFICATE OF MAILING/TRANSMISSION (37 C.F.R. 1.8(a))

I hereby certify that, on the date shown below, this correspondence is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the address indicated on the first page hereof.

Date: December 5, 2001

By: Stephanie Cox  
Stephanie Cox  
Typed/Printed Name of Person Mailing Paper



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ ) 130.00

## Complete if Known

Application Number	09/966,158
Filing Date	September 28, 2001
First Named Inventor	Yuichi Iikubo et al.
Examiner Name	
Group Art Unit	1764
Attorney Docket No.	GRLK-003

## METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number: 02-0390  
Deposit Account Name: Baker & Daniels

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17  
☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☒ Payment Enclosed:

☒ Check ☐ Credit card ☐ Money Order ☐ Other

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 740	201 370	Utility filing fee	
106 330	206 165	Design filing fee	
107 510	207 255	Plant filing fee	
108 740	208 370	Reissue filing fee	
114 160	214 80	Provisional filing fee	

SUBTOTAL (1) (\$ ) 0.00

### 2. EXTRA CLAIM FEES

Total Claims:  -20\*\* =  X  =   
Independent Claims:  -3\*\* =  X  =   
Multiple Dependent:  =

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103 18	203 9	Claims in excess of 20
102 84	202 42	Independent claims in excess of 3
104 280	204 140	Multiple dependent claim, if not paid
109 84	209 42	** Reissue independent claims over original patent
110 18	210 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ ) 0.00

\*\*for number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	130.00
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	
139 130	139 130	Non-English specification	
147 2,520	147 2,520	For filing a request for ex parte reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for reply within first month	
116 400	216 200	Extension for reply within second month	
117 920	217 460	Extension for reply within third month	
118 1,440	218 720	Extension for reply within fourth month	
128 1,960	228 980	Extension for reply within fifth month	
119 320	219 160	Notice of Appeal	
120 320	220 160	Filing a brief in support of an appeal	
121 280	221 140	Request for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1,280	241 640	Petition to revive - unintentional	
142 1,280	242 640	Utility issue fee (or reissue)	
143 460	243 230	Design issue fee	
144 620	244 310	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 50	123 50	Processing fee under 37 CFR 1.17(q)	
126 180	126 180	Submission of Information Disclosure Stmt	
581 40	581 40	Recording each patent assignment per property (times number of properties)	
146 740	246 370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149 740	249 370	For each additional invention to be examined (37 CFR § 1.129(b))	
179 740	279 370	Request for Continued Examination (RCE)	
169 900	169 900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

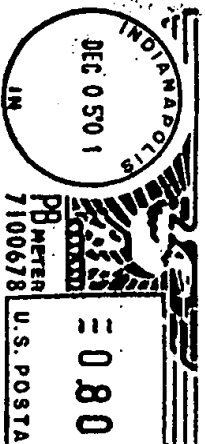
SUBTOTAL (3) (\$ ) 130.00

## SUBMITTED BY

Name (Print/Type)	Robert C. Hyta	Registration No. (Attorney/Agent)	46,791	Telephone	317.569.9600
Signature		Date	12/5/01		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



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**BAKER & DANIELS**

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Indianapolis, Indiana 46240

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**COMMISSIONER OF PATENTS**  
**WASHINGTON D.C. 20231**



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APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/966,158	09/28/2001	Yuichi Iikubo	GRLK-003

CONFIRMATION NO. 4089

## FORMALITIES LETTER



\*OC000000006981676\*

 Robert C. Hyta  
 Baker & Daniels  
 Suite 2700  
 300 North Meridian Street  
 Indianapolis, IN 46204

Date Mailed: 10/26/2001

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

## Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 130.

*A copy of this notice **MUST** be returned with the reply.*



Customer Service Center  
 Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

01/28/2002 SDIRETA1 00000044 09966158

01 FC:105

130.00 OP



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1702 #5  
Receipt

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of: Yuichi IIKUBO et al. )

Application No.: 09/966,158 )

Filed: September 28, 2001 )

MATERIALS AND METHODS FOR THE )

PRODUCTION AND PURIFICATION OF )

CHLOROFLUOROCARBONS AND )

HYDROFLUOROCARBONS )

Atty. Docket No.: GRLK-003

Group Art Unit 1764

Examiner: Unknown

December 5, 2001

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APR 11 2002

TECH CENTER 1600/2900

REQUEST FOR CORRECTED FILING RECEIPT

Office of Initial Patent Examination's Customer Service Center

Commissioner for Patents

Washington, D.C. 20231

Dear Sir:

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MAR 27 2002

TC 1700

The undersigned requests that the U.S. Patent Office correct the information which appears on the original filing receipt and issue a corrected filing receipt pursuant to this request. A copy of the original filing receipt, with the requested correction made thereon in red ink, is enclosed for the Patent Office's convenience.

It is believed that no fees nor extensions of time are due in connection with this request. If this belief is in error, however, please apply any time extensions and charge any fees which may be necessary to Baker & Daniels' Deposit Account No. 020390.

In the title listed on the filing receipt, please delete "METHOD" and insert in lieu thereof – METHODS –. A copy of the first page of the patent application, as filed, is enclosed herewith as Exhibit A. The pertinent information is highlighted as evidence in support of the requested correction.

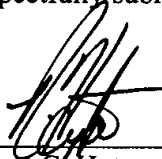
REQUEST FOR CORRECTED FILING RECEIPT

U.S. Serial No. 09/966,158

Page 1 of 2

The Patent Office is invited to contact the undersigned at (317) 569-4832 if there are any questions concerning this submission.

Respectfully submitted,



Robert C. Hyta  
Reg. No. 46,791  
Baker & Daniels  
300 North Meridian Street, Suite 2700  
Indianapolis, Indiana 46204  
Fax: (317) 569-4800

TECH CENTER 1600/2900

APR 11 2002

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RCH/kjw

**CERTIFICATE OF MAILING/TRANSMISSION (37 C.F.R. 1.8(a))**

I hereby certify that, on the date shown below, this correspondence is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the address indicated on the first page hereof.

Date: December 5, 2001

By: Stephanie Cox

Stephanie Cox

Typed/Printed Name of Person Mailing Paper

REQUEST FOR CORRECTED FILING RECEIPT

U.S. Serial No. 09/966,158

Page 2 of 2



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

COPY

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/966,158	09/28/2001	1764	2414	GRLK-003	7	88	9

CONFIRMATION NO. 4089

Robert C. Hyta  
Baker & Daniels  
Suite 2700  
300 North Meridian Street  
Indianapolis, IN 46204



## FILING RECEIPT



\*OC000000006981679

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TECH CENTER 1600/2300

Date Mailed: 10/26/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Yuichi Iikubo, West Lafayette, IN;  
Stephen Owens, White Pine, TN;  
Mitchel Cohn, West Lafayette, IN;  
Stephan M. Brandstadter, Indianapolis, IN;  
Vicki E. Hedrick, Brookstown, IN;  
Janet K. Boggs, Brownsburg, IN;  
John Qian, West Lafayette, IN;  
Julie Sacarias, El Dorado, AR;

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TC 1700

Domestic Priority data as claimed by applicant

Foreign Applications

If Required, Foreign Filing License Granted 10/26/2001

Projected Publication Date: To Be Determined - pending completion of Missing Parts

Non-Publication Request: No

Early Publication Request: No

Date

Init.

Received: 19-OCT-2001 YW

4N Filing: 28-SEP-2002 YW

Docketed: 02-OCT-2001 YW

Title

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OCT 29 2001

BAKER & DANIELS  
INDIANAPOLIS, IN



**METHODS**

Materials and method for the production and purification of chlorofluorocarbons and hydrofluorocarbons

Preliminary Class

570

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LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15

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The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

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No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

GRLK-003

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**Materials and Methods for the Production and Purification of  
Chlorofluorocarbons and Hydrofluorocarbons**

**FIELD OF INVENTION**

**RECEIVED**

MAR 27 2002

**TC 1700**

[0001] The present invention is directed to synthetic production methods, as well as, synthetic and physical separation methods. More particularly the present invention is directed to methods for efficiently manufacturing selective isomers of chlorofluorocarbons and hydrofluorocarbons from aliphatic, olefinic or partially halogenated hydrocarbons.

Express Mail Label Number EF227536067US

Date of Deposit September 28, 2001

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.R.F. § 1.10 on the date indicated above and is addressed to the Commissioner for Patents, Washington, D.C. 20231

*Amie J. Elliott*  
Signature of Person Mailing Paper or Fee

**EXHIBIT**

**A**